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This is an Information Disclosure Statement submitted for the Examiner's consideration. A Form PTO-1449 listing the references and copies of the cited references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

All of the references identified herein were disclosed in parent application Serial No. 09/127,834 and, as such, copies thereof are not included pursuant to the provisions of 37 C.F.R. §1.98(d).

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815 may be charged therefor.

Respectfully submitted, BOZICEVIC, FIELD & FRANCIS LLP

Date: 12/18/2001

Pamela J. Sherwood Registration No. 36,677

BOZICEVIC, FIELD & FRANCIS LLP 200 Middlefield Road, Suite 200 Menlo Park, CA 94025 Talonhono: (650) 327 3400

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	5,166,057	11/24/92	Palese et al.			
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	5,288,641	02/22/94	Roizman			
	5,328,470	07/12/94	Nabel et al.			
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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phos 4578	IR et al., "Targeted homologous recombination at the endogenous adenine sphoribosyltransferase locus in Chinese hamster cells" <i>Proc. Natl. Acad. Sci. USA</i> 3 (1989)	
orga	SCHER et al., "Macroencapsulation of dopamine-secreting cells by coextrusion nic polymer solution" <i>Biomaterials</i> 12:50-56 (1991)	
AEBI	SCHER et al., "Transplantation of polymer encapsulated neurotransmitter secret of the encapsulation technique" <i>J. Biomech. Eng.</i> 113:178-183 (1991)	eting cells:
ANG	ERMANN et al., "Cloning and expression of human salivary-gland kallikrein in E Biochem J. 262:787-793, abstract only (09/1989)	Scherichia
ARN	BERG et al., "Fiber genes of adenoviruses with tropism for the eye and the gen . 227:239-244 (1997)	ital tract"
AUS	UBEL, F.M., et al., eds. <u>Current Protocols in Molecular Biology.</u> Supplement 30 18, Table 7.7.1 (1987)), section
AUS Asso	UBEL, F.M. et al., eds. <u>Current Protocols in Molecular Biology</u> , Greene Publish ociates (1989) Title Page and Table of Contents Only	
reco	EY et al., "Cell type specific regulation of expression from the Ad40 E1B promembinant Ad5/Ad40 viruses" Virology 202:695-706 (1994)	
Virol	EY et al., "Enteric adenovirus type 40: Expression of E1B proteins <i>in vitro</i> and <i>i</i> logy 193:631-641 (1993)	
(199		79:729-735
BEA	TO, "Gene Regulation by steriod hormones" Cell 56:335-344 (1989)	
	R et al., "Efficient gene transfer into mammalian primary endocrine cells with polyamine-coated DNA" <i>Proc. Natl. Acad. Sci USA</i> 86:6982-6986 (1989)	
cells	RINGER et al., "Dwarf mice produced by genetic ablation of growth hormone-e." Genes Dev. 2:453-461 (1988)	
	KNER and SHARP, "Generation of adenovirus by transfection of plasmids" <i>Nucl</i> 17:6003-6020 (1983)	. Acids Res.
BER BioT	KNER, "Development of adenovirus vectors for the expression of heterologous rechniques 6(7):616-618, 620-624, 626, 628, 629 (1988)	genes"
BET inse	T et al., "An efficient and flexible system for construction of adenovirus vectors rtions or deletions in early regions 1 and 3" <i>Proc. Natl. Acad. Sci USA</i> 91:8802-8	3806 (1994)
BET 67(1	T et al., "Packaging capacity and stability of human adenovirus type 5 vectors" (10):5911-5921 (1993)	J. Virology
BOU Res.	JLIKAS "Gene therapy of prostate cancer:p53, suicidal genes, and other targets 17:1471-1505 (1997)	
BRA 141	UN et al. "Immunogenic duplex nucleic acids are nuclease resistant" <i>J. Immuno</i> (6):2084-1089 (1988)	
	DGE et al., "Redundant control of adenovirus late gene expression by early regi- 2):631-638 (1989)	on 4" <i>J. Virol.</i>

EXAMINER

DATE CONSIDERED

INFORMATION DISCLOSURE CITATION Q100261000000/QFKHGF0 several sheets if necessary)

ATTY. DOCKET NO. CELL011CON

SERIAL NO. 09/875,228

APPLICANT

De Chao Yu et al.

FILING DATE

GROUP

1632

June 5, 2001 OACH et al. "Vectors for high-level, inducible expression of cloned genes in yeast" Experimental Manipulation of Gene Expression, M. Inouye , ed., Academic Press, pp. 83-1 CAPECCHI, "Altering the genome by homologous recombination" Science 244:1288-1292 CARSON-JURICA et al., "Steroid receptor family: Structure and functions" Endocr. Rev. 11(2):201-220 (1990). CHANDER and SCHREIER, "Artificial viral envelopes containing recombinant human immunodeficiency virus (HIV)gp160" *Life Sci.* 50(97):481-489 (1992) CHARLESWORTH et al., "Detection of a prostate-specific protein, human glandular kallikrein (hK2), in sera of patients with elevated prostate-specific antigen levels" Urology 49(3):487-493 CHATURVEDI et al., "Stabilization of triple-stranded oligonucleotide complexes: use of probes containing alternating phosphodiester and stereo-uniform cationic phosphoramidate linkages" Nucleic Acids Res. 24(12):2318-2323 (1996) CHAUDHARY et al., "A recombinant single-chain immunotoxin composed of anti-tac variable regions and a truncated diphtheria toxin" Proc. Natl. Acad. Sci. USA 87:9491-9494 (1990)

CHEN et al., "Gene therapy for brain tumors: Regression of experimental gliomas by adenovirus-mediated gene transfer in vivo" Proc. Natl. Acad. Sci. USA 91:3054-3057 (1994) CLEMENTS, "The glandular kallikrein family of enzymes: Tissue-specific expression and hormal regulation" *Endocr. Rev.* 10(4):393-419 (1989) CLEUTJENS et al. "An androgen response element in a far upstream enhancer region is essential for high, androgen-regulated activity of the prostate-specific antigen promoter" Molec.

Endocrinol. 11(2)148-161 (1997) Cold Spring Harbor Laboratory, Second Edition, RNA Tumor Viruses (1985) Title page and

table of contents only. COLIGAN et al., eds. Current Protoocols in Immunology, vols. 1, 2 and 3 (1991) Title page and

table of contents only. CORNETTA et al., "No retroviremia or pathology in long-term follow-up of monkeys exposed to a murine amphotropic retrovirus" Hum Gene Ther 2:215-219 (1991)

CROOKE and LEBLEU, eds. Antisense Research and Applications, CRC Press (1993) Title page and table of contents only.

DAI et al., "Gene therapy via primary myoblasts: Long-term expression of factor IX protein following transplantation in vivo" Proc. Natl. Acad. Sci. USA 89:10892-10895 (1992)

DAI et al. "Androgenic up-regulation of androgen receptor cDNA expression in androgenindependent prostate cancer cells" Steroids 61:531-539 (1996)

DARSON et al., "Human glandular kallikrein 2 (hK2) expression in prostatic intraepithelial neoplasia and adenocarcinoma: A novel prostate cancer marker" Urology 49(6):857-862

DE WET et al., "Firefly luciferase gene: structure and expression in mammalian cells" Mol. Cell. Biol. 7(2):725-737 (1987)

DIETRICH et al., "Delivery of antigen-encoding plasmid DNA into the cytosol of macrophages by attenuated suicide Listeria monocytogenes" Nature Biotech 16:181-185 (1998)

EXAMINER

DATE CONSIDERED

ATTY. DOCKET NO. SERIA INFORMATION DISCLOSURE CITATION 09/875,228 CELL011CON 0000261000000/ OFK-KGF0 (Use several sheets if necessary) APPLICANT De Chao Yu et al. **FILING DATE GROUP** 1632 June 5, 2001 TRADIGNAM et al., "Accurate transcription initiation by RNA polymerase II in a soluble extract isolated mammalian nuclei" Nucleic Acids Res. 11(5):1475-1489 (1983) FALLER et al., "Liposome encapsulation of retrovirus allows efficient superinfection of resistant cell lines" J. Virol. 49(1):269-272 (1984) FELGNER and RINGOLD, "Cationic liposome-mediated tranfection" Nature 337:387-388 (1989) FISHER-HOCH et al. "Protection of rhesus monkeys from fatal Lassa fever by vaccination with a recombinant vaccinia virus containing the Lassa virus glycoprotein gene" PNAS USA 86:317-FLEXNER et al., "Attenuation and immunogenicity in primates of vaccinia virus recombinants expressing human interleukin-2" Vaccine 8(1):17-21 (1990) FLINT "Expression of adenoviral genetic information in productively infected cells" Biochem. Biophys. Acta 651:175-208 (1982) FLINT "Regulation of adenovirus mRNA formation" Advances Virus Research 31:169-228 (1986) FRANKEL et al., "Selection and characterization of ricin toxin A-chain mutations in Saccharomyces cerevisiae" Mol. Cell. Biol. 9(2):415-420 (1989) FRESHNEY, ed. Animal Cell Culture (1987) Title page and table of contents only. FUKUSHIMA et al., "Nucleotide sequence of cloned cDNA for human pancreatic kallikrein." Biochemistry 24:8037-8043, Abstract Only (12/1985) FURTH "Gene transfer by biolistic process" Mol. Biotechnol. 7:139-143 (1997) GACESA and RAMJI, Vectors, John Wiley & Sons (1994) Title page and table of contents only. GAIT, ed., Oligonucleotide Synthesis MRC Laboratory of Molecular Biology (1984) Title page and table of contents only. GAO and HUANG, "A novel cationic liposome reagent for efficient transfection of mammalian cells" Biochem. Biophys. Res. Commun. 179(1):280-285 (1991) GENNARO, ed., Remington" The Science and Practice of Pharmacy 19th edition, vol. 1 and 2 (1995) Title page and table of contents only. GENNARO, ed., Remington's Pharmaceutical Sciences, 18th edition (1990) Title page and table of contents only. GHOSH-CHOUDHURY and GRAHAM, "Stable transfer of a mouse dihydrofolate reductase gene into a deficient cell line using human adenovirus vector" Biochem. Biophys. Res. Commun. 147(3):964-973 (1987) GHOSH-CHOUDHURY et al., "Protein IX, a minor component of the human adenovirus capsid, is essential for the packaging of full length genomes" EMBO Journal. 6(6):1733-1739 (1987) GRAHAM et al., "A new technique for the assay of infectivity of human adenovirus 5 DNA" Virology 52:456-467 (1973)

EXAMINER DATE CONSIDERED

3(12):2917-2922 (1984)

adenovirus type 5" J. Gen. Virol. 36:59-72 (1977)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

GRAHAM et al. "Characteristics of a human cell line transformed by DNA from human

GRAHAM, "Covalently closed circles of human adenovirus DNA are infectious" EMBO Journal

GRAHAM, "Growth of 293 cells in suspension culture" J. Genetic Virology 68:937-940 (1987)

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09/875,22

APPLICANT

De Chao Yu et al.

FILING DATE

GROUP

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June 5, 2001 1632 GRAND, "The structure and functions of the adenovirus early region 1 proteins" Biochem. 241-25-38 (1987) HALLENBECK, O. et al., "Novel Tumor Specific Replication Competent Adenoviral Vectors for Gene Therapy of Cancer" Cancer Gene Therapy, 3(6):S19-S20 (1996) HARA et al., "In vivo gene delivery to the liver using reconstituted chylomicron remnants as a novel nonviral vector" Proc. Natl. Acad. Sci. USA 94:14547-14552 (1997) HAYASHI et al., "Expression of a thyroid hormone-responsive recombinant gene introduced into adult mice livers by replication-defective adenovirus can be regulated by endogenous thyroid hormone receptor" J. Biol. Chem. 269(39):23872-23875 (1994) HILLIER et al., GenBank Accession No. T69719 (03/1995) HODGSON and SOLAIMAN, "Virosomes: Cationic liposomes enhance retroviral transduction" Nature Biotechnol. 14:339-342 (1996) HOFFMAN et al., "NGF released from a polymer matrix prevents loss of ChAT expression in basal forebrain neurons following a fimbria-fornix lesion" Expt. Neurobiol. 110(1):39-44 (1990) HUBER et al., "VDEPT: An enzyme/prodrug gene therapy approach for the treatment of metastic colorectal cancer" Adv. Drug Delivery Rev. 17:279-292 (1995) HWU et al., "Functional and molecular characterization of tumor-infiltrating lymphocutes transduced with tumor necrosis factor-alpha cDNA for the gene therapy of cancer in humans" J. Immunol. 150(9):4104-4115 (1993) JAEGER et al., "Polymer encapsulated dopaminergic cell lines as 'alternative neural grafts" Prog. Brain Res. 82:41-46 (1990) JAFFE et al., "Adenovirus-mediated in vivo gene transfer and expression in normal rat liver" Nat. Genet. 1:372-378 (1992) JAKOBY, ed., Methods in Enzymology, Academic Press, Inc. (1979) Title page and table of contents JOHNSON et al., "Targeting of nonexpressed genes in embryonic stem cells via homologous recombination" Science 245 (4923):1234-1236 (1989) KAY et al., "Hepatic gene therapy: Persistant expression of human alpha 1-antitrypsin in mice after direct gene delivery in vivo" Human Gene Therapy 3:641-647 (1992) KIT, "Recombinant-derived modified-live herpesvirus vaccines" Adv. Exp. Med. Biol. 251:219-236 (1989)KOLBERG, "Gene transfer virus contaminant linked to monkeys' cancer" J. NIH Res. 4:43-44 (1992) KOOLE et al., "Sustained local drug delivery from a radiopaque implanted reservoir" Nature Biotech. 16(2):172-176 (1998) KROON et al., "The transcriptional regulatory strategy of the rat tissue kallirein gene family" Genes and Function 1(5.6):309-319 (1997) KUNKEL, "Rapid and efficient site-specific mutagenesis without phenotypic selection" Proc. Natl. Acad. Sci. USA 82:488-492 (1985) LAMB et al., "Nucleotide sequence of cloned cDNA coding for preproricin" Eur. J. Biochem. 148:265-

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INFORMATION DISCLOSURE CITATION

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June 5, 2001

SERIAL 09/875,228

APPLICANT

De Chao Yu et al.

FILING DATE

GROUP

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1632

ATMER et al., "Specificity of monoclonal antibodies produced against phosphorothioate and ribodified DNAs" *Mol. Immunol.* 32(14/15):1057-1064 (1995)

LE GAL LE SALLE et al., "An adenovirus vector for gene transfer into neurons and glia in the brain" Science 259:988-990 (1993)

LINDZEY et al., "Molecular mechanisms of androgen action" *Vitamins and Hormones* 49:383-432 (1994)

LITZINGER and HUANG, "Phosphatidylethanolamine liposomes: drug delivery, gene transfer and immunodiagnostic applications" *Biochimica et Biophysica Acta* 1113:201-227 (1992)

LUNDWALL et al., "Molecular cloning of human prostate specific antigen cDNA" *FEBS Lett.* 214(2):317-322 (1987)

LUNDWALL, "Characterization of the gene for prostate-specific antigen, a human glandular kallikrein" *Biochem. Biophys. Res. Commun.* 161(3):1151-1159 (1989)

LUYTJES et al., "Amplification, expression, and packaging of a foreign gene by influenza virus" *Cell* 59:1107-1113 (1989)

Mackett et al., "Vaccinia virus: A selectable eukaryotic cloning and expression vector" *Proc. Natl. Acad. Sci. USA* 79:7415-7419 (1982)

MAHATO et al., "Cationic lipid-based gene delivery systems: pharmaceutical perspectives" *Pharm.* Res. 14(7):853-859 (1997)

MANSOUR et al., "Disruption of the proto-oncogene *int-2* in mouse embryo-derived stem cells: a general strategy for targeting mutations to non-selectable genes" *Nature* 336:348-352 (1988)

MASTRANGELI et al., "Diversity of airway epithelial cell targets for *in vivo* recombinatn adenovirus-mediated gene transfer" *J. Clin. Invest.* 91:225-234 (1993)

MAXWELL et al., "Cloning, sequence determination, and expression in transfected cells of the coding sequence for the tox 176 attenuated diphtheria toxin A chain" Mol. Cell. Biol. 7:1576-1579 (1987)

MCGRORY et al., "A simple technique for the rescue of early region I mutations into infectious human adenovirus type 5" *Virol.* 163:614-617 (1988)

MCKINNON, "Tn5 mutatgenesis of the transforming genes of human adenovirus type 5" *Gene* 19:33-42 (1982)

MCMICHAEL et al., "Cytotoxic T-cell immunity to influenza" N. Eng. J. Med. 309(1):13-17 (1983)

MELTON, D.A. ed., <u>Antisense RNA and DNA</u> Cold Spring Harbor Laboratory, Cold Spring Harbor, NY (1988) Title page and table of contents only.

MESSING et al., "Po promoter directs expression of reporter and toxin genes to Schwann cells of transgenic mice" *Neuron* 8:507-520 (1992)

MILLER and CALOS, eds., <u>Gene Transfer Vectors for Mammalian Cells</u>, Cold Spring Harbor Laboratory (1987) Title page and table of contents only.

MILLER et al., "Gene Transfer by retrovirus vectors occurs only in cells that are actively replicating at the time of infection" *Mol. Cell Biol.* 10(8):4239-4242 (1990)

MILLER et al., "Progress toward human gene therapy" Blood 76(2):271-278 (1990)

MORRIS, "hGK-1: A Kallikrein gene expressed in human prostate" Clin Exp. Pharm. Phuysiol. 16:345-351 (1989)

EXAMINER

DATE CONSIDERED

INFORMATION DISCLOSURE CITATION

(QTO 02610000000/QFKKGF0

Cancer Res. 53:83-88 (1993)

several sheets if necessary)

ATTY, DOCKET NO. CELL011CON

SERIAL NO. 09/875,22

APPLICANT

De Chao Yu et al.

FILING DATE

GROUP June 5, 2001

1632

and FLEXNER, "Vaccinia virus expression vectors" Annals of the NY Acad. Sci. 569:86-103

NO. DE POOR ON MULLIGAN et al., "Synthesis of rabbit beta-globin in cultured monkey kidney cells following infection with a SV40 beta-globin recombinant genome" Nature 277-108-114 (1979) MULLIS et al., eds. PCR: The Polymerase Chain Reaction, Birkauswer Press, Boston (1994) Title Page and table of contents only. MURTHA et al., "Androgen induction of a human prostate-specific kallikrein, hKLK2: Characterization of an androgen response element in the 5' promoter region of the gene" Biochem. 32:6459-6464 (1993) MUZYCZKA et al.. "Use of adeno-associated virus as a general transduction vector for mammalian cells" Curr. Topics Microbiol. Immunol. 158:97-129 (1992) NALDINI et al., "In vivo gene delivery and stable transduction of nondividing cells by a lentiviral vector" Science 272-263-267 (1996) NEVINS, "Mechanisms of viral-mediated trans-activation of transcription" Adv. Virus Res. 37:35-83 (1989)OVERBAUGH et al, "Molecular cloning of feline leukemia virus that induces fatal immunodeficiency disease in cats" Science 239(4842)906-910 (1988) OW et al., "Transient and stable expression of the firefly luciferase gene in plant cells and transgenic plants" Science 234-856-859 (1986) PALMITER et al., "Cell lineage ablation in transgenic mice by cell-specific expression of a toxin gene" Cell 50:435-443 (1987) PANG et al.. "Identification of a positive regulatory element responsible for tissue-specific expression of prostate-specific antigen" Cancer Res. 57:495-499 (1997) PAWELEK et al., "Tumor-targeted Salmonella as a novel anticancer vector" Cancer Res. 57:4537-4544 (1997) PEYROTTES et al., "Oligodeoxynucleoside phosphoramidates (P·NH₂): synthesis and thermal stability of duplexes with DNA and RNA targets" Nucleic Acids Res. 24(10):1841-1848 (1996) PIATAK et al., "Expression of soluble and fully functional ricin A chain in escherichia coli is temperature-sensitive" J. Biol. Chem. 263(10):4837-4843 (1988) POWERS et al., "Anterior pituitary glandular kallikrein: a putative prolactin processing protease." Mol. Cell Enocrinol. 90:C15-20 (01/1993) POZANSKY, "Gene transfer into human lymphocytes by a defective human immunodeficiency virus type 1 vector" *J. Virol.* 65(1):532-536 (1991) QIU et al., "In situ hybridization or prostate-specific antigen mRNA in human prostate J. Urol. 144(6):1550-1556 (1990) OUANTIN et al., "Adenovirus as an expression vector in muscle cells in vivo" Proc. Natl. Acad. Sci. USA 89:2581-3584 (1992) RAGOT et al., "Efficient adenovirus-mediated transfer of a human minidystrophin gene to skeletal muscle of mdx mice" Nature 361:647-650 (1993) RAM et al., "In situ retroviral-mediated gene transfer for the treatment of brain tumors in rats"

EXAMINER

DATE CONSIDERED

Page 10 6

ATTY. DOCKET NO. CELLO11CON

SERIO N 09/875,228

APPLICANT

De Chao Yu et al.

FILING DATE

ATE GROUP

DEL C.	j	FILING DATE	GROUP	0
\ .	<i>Ei</i> /	June 5, 2001	1632	
APENT & TRA	RMAN et al., "Characterization of the human document (02/1992)	Kallikrein locus." Genomi	cs 14:6-11, entire	00200
	RIEGMAN et al., "The promoter of the prostate-s	pecific antigen gene cont	ains a functional a	ndrogen
	responsive element" Molec. Endocrin. 5(12):1921			•
	RODRIGUEZ et al., "Prostate attenuated replicat	ion competent adenoviru	s (ARCA) CN706: A	4
	selective cytotoxic for prostate-specific antigen-	positive prostate cancer o	cells" Cancer Res. 5	57:2559-
	2563 (1997).	•		
	ROLS et al., "In vivo electrically mediated protein	n and gene transfer in mu	irine melanoma" N	ature
	Biotech 16(2):168-171 (1998)	J		
	ROSENFELD et al., "Adenovirus-mediated transfe	er of a recombinant alpha	1-antitrypsin gene	to the
	lung epithelium in vivo" Science 252:431-434 (1		<i>y</i> . •	
	ROSENFELD et al., "In vivo transfer of the huma	n cystic fibrosis transmer	mbrane conductan	ce
	regulator gene to the airway epithelium" Cell 68:	143-155 (1992)		
	SAMBROOK et al., Molecular Cloning, A Laborat	ory Manual, 2nd Edition,	Cold Spring Harbo	r
	Laboratory Press, Cold Spring Harbor, NY (1989)) Title page and table of	contents only.	
	SCHEDLICH et al., "Primary structure of Human	glandular kallikrein gene	." DNA 6:429-437	
1	(08/1995)			
	SCHEDLICH et al., GenEmbol Accession No. M1	8156 (08/1995)		
	SCHREIER et al., "(Patho)physiologic pathway	s to drug targeting: Art	ificial viral envelo	pes" <i>J.</i>
	Molec. Recognition 8(1/2):59-62 (1995)			
	SCHULTZ et al., "Oligo-2'-fluoro-2'-deoxynucle		amidates: synthe:	sis and
	properties" Nucleic Acids Res. 24(15):2966-73	3 (1996)		
	SCHUUR et al., "Chimeras of herpes simplex	viral VP 16 and jun are o	oncogenic" Cell Gr	owth and
	Differ. 4:761-768 (1993)			
	SCHUUR et al, "Prostate-specific antigen expr	ession is regulated by a	n upstream enhai	ncer" <i>J.</i>
	Biol. Chem. 271(12):7043-7051 (1996)			
	SEFTON et al., "Microencapsulation of mamm	nalian cells in a water in	soluble polyacryla	ite by
	coextrusion and interfacial precipitation" Biote	echnol, Bioeng, 29:1135	·1143 (1987)	•
	STRATFORD-PERRICAUDET et al., "Evaluation	of the transfer and exp	ression in mice of	f an
	enzyme-encoding gene using a human adeno	virus vector" Human Ger	ne Therapy 1:241-	256
	(1990)		, ,	
	STRATFORD-PERRICAUDET et al., "Widesprea	nd long term gene trans	fer to mouse skele	etal
	muscles and heart" J. Clin. Invest. 90:626-630	(1992)		
	SUGARMORI et al., "Microencapsulation of pa	ncreatic islets in a wate	r insoluble polyac	rvlate"
	Trans. Am. Soc. Artif. Intern. Organs 35:791-79		i ilisolable poljac	n y late
	CWAMMATILAN at al. "Description of adenovi	rus E2 transcription uni	t" Curr Topics in M	licrobial
	SWAMINATHAN et al., "Regulation of adenovi	rus Ez transcription um	Can. ropics in w	ncrobioi.
	And Immunol. 199 part 3:177-194 (1995)	busin turnama. A rat alia	ma lina haaring t	h o
	TAKAMIYA et al., "Gene therapy of malignant	brain tumors: A rat gild	ma ime bearing t	iie
	herpes simplex virus type 1-thymidine kinase	gene and wild type retr	ovirus kilis otner	turnor
	cells" J. Neurosci. Res. 33:493-503 (1992)			
	TAKIFF et al., "Propagation and in vitro studie	s of previously non-culti	vable enteral adei	noviruse
	in 293 cells" <i>Lancet</i> 11:832-834 (1981)			
	TILLEY et al., "Characterization and expression		he human androg	en
	receptor" Proc. Natl. Acad. Sci. USA 86:327-33	31 (1989)		

EXAMINER

DATE CONSIDERED

SERIA NO.

09/875,228[§] CELL011CON P (2000,261 m 0 0 0 m) OF KHGF0 (Use several sheets if necessary) APPLICANT DEC 27 2007 De Chao Yu et al. **FILING DATE GROUP** June 5, 2001 1632 上上下SON et al., "The 11,600-M_w protein encoded by region E3 of adenovirus is expresse early but is greatly amplified at late stages of infection" J. Virol. 66(6):3633-3642 (1992) TOLLEFSON et al., "The adenovirus death protein (E3-11.6K) is required at very late stages of infection for efficient cell lysis and release of adenovirus from infected cells" J. Virol. 70(4):2296-2306 (1996) TREMBLAY et al., "Immunohistochemical study suggesting a complementary role of kallikreins hK2 and hK3 (prostate-specific antigen) in the functional analysis of human prostate tumors" Am. J. Pathol. 150(2):455-459 (1997) TRUBETSKOY et al., "Cationic liposomes enhance targeted delivery and expression of exogenous DNA mediated by N-terminal modified poly(1-lysine)-antibody conjugate in mouse lung endothelial cells" Biochem. Biophys. Acta 1131:311-313 (1992) VERMA and SOMIA, "Gene therapy-promises, problems and prospects" Nature 389-239-242 VILE and HART, "In vitro and in vivo targeting of gene expression to melanoma cells" Cancer Res. 53:962-967 (1993) VILE AND HART, "Use of tissue-specific expression of the herpes simplex virus thymidine kinase gene to inhibit growth of established murine melanomas following direct intratumoral injection of DNA" Cancer Res. 53(17):3860-3864 (1993) VIRTANEN et al., "mRNAs from human adenovirus 2 early region 4" J. Virol. 51(3):822-831 (1984)VOET and VOET, In Biochemistry, Second Edition, John Wiley and Sons, Publishers. Page 930, Column 1 (1995) WAGNER et al., "Transferrin-polycation conjugates as carriers for DNA uptake into cells" Proc. Natl. Acad. Sci USA 87:3410-3414 (1990) WANG and HUANG, "Highly efficient DNA delivery mediated by pH-sensitive immunoliposomes" Biochemistry 28:9508-9514 (1989) WANG and HUANG, "pH-sensitive immunoliposomes mediate target-cell specific delivery and controlled expression of foreign gene in mouse" Proc. Natl. Acad. Sci. USA 84:7851-7855 (1987) WANG and HUANG, :Plasmid DNA absorbed to pH-sensitive liposomes efficiently transforms the target cells" Biochem Biophys. Res. Commun. 147(3):980-985 (1987) WANG et al., "Expression of the APRT gene in an adenovirus vector system as a model for studying gene therapy" Adv. Exp. Med. Biol. 309B:61-66 (1991) WEINBERG et al., "A cell line that supports the growth of a defective early region 4 deletion mutant of human adenovirus type 2" Proc. Natl. Acad. Sci. USA 80:5383-5386 (1983) WEIR, D.M. et al., eds. Handbook of Experimental Immunology, vols 1, 2, 3 and 4 (1986) Title page and table of contents only. WILLIAMS, Concise Encyclopedia of Medical & Dental Materials, MIT Press: Cambridge, MA (1990) Title page and table of contents only. WILSON et al., "Biological properties of poliovirus encapsulated in lipid vesicles: Antibody resistance and infectivity in virus-resistant cells" Proc. Natl. Acad. Sci. USA 74(8):3471-3475 WILSON et al., "Hepatocyte-directed gene transfer in vivo leads to transient improvement of hypercholesterolemia in low density lipoprotein receptor-deficient rabbits" J. Biol. Chem. 267(2):963-967 (1992) DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if

not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

EXAMINER

ATTY. DOCKET NO.

Page 12 of 12

INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO. CELL011CON	SERIAL NO. 09/875,228				
(QNO1261 00 0 0 00/ QFMKGF0 P Fuse several sheets if necessary)	APPLICANT De Cha	o Yu et al.				
DEC 27 2001 E	FILING DATE June 5, 2001	GROUP 1632				
F et al., "Transcriptional regulation of pro Endocrinol. 6(5):753-762 (1992) YAP et al., "Transfer of specific cytotoxic T lyr	state kallikrein-like gene	es by androgen" <i>Molec</i> .				
YAP et al., "Transfer of specific cytotoxic T lyr influenza virus" Nature 273:238-239 (1978)						
	YOUNG et al., "Tissue-specific and hormonal regulation of human prostate-specific glandular					
ZELENIN et al., "Bacterial beta-galactosidase a mouse skeletal muscle fibers after ballistic tra	ZELENIN et al., "Bacterial beta-galactosidase and human dystrophin genes are expressed in mouse skeletal muscle fibers after ballistic transfection" FEBS Letters 414:319-322 (1997)					
ZENKE et al., "Receptor-mediated endocytosis efficient way to introduce DNA into hemotopol 3659 (1990)	ZENKE et al., "Receptor-mediated endocytosis of transferrin-polycation conjugates: An efficient way to introduce DNA into hemotopoietic cells" <i>Proc. Natl. Acad. Sci. USA</i> 87:3655-					
ZHOU et al., "Liophilic polylysines mediate eff Biochem. Biophys. Acta 1065:8-14 (1991)	ZHOU et al., "Liophilic polylysines mediate efficient DNA transfection in mammalian cells"					
ZHOU et al., "The androgen receptor: An overv	riew" Recent Prog. Horm.	Res. 49:249-274 (1994)				
ZJILSTRA et al., "Germ-line transmission of a by homologous recombination in embryonic s	disrupted beta ₂ -microg tem cells" <i>Nature</i> 342:4	lobuline gene produced 35-438 (1989)				

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EXAMINER	DATE CONSIDERED